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10565582 - GAU: 3742

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PATENT APPLICATION

IAP20 Rec'd PCT/PTO 23 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 3081.154US01

Mark Bischoff et al.

Application No.: Unknown

Filed: *Of Even Date*For: METHOD FOR PROCESSING MATERIALS WITH LASER PULSES HAVING A
SPECTRAL BANDWIDTH AND DEVICE FOR CARRYING OUT SAID METHOD

INFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The listing of a reference herein is not an admission that the reference is prior art or that the reference is material to patentability.

This Information Disclosure Statement is being filed with the application. No certification or fee is required.

Some of the listed references have been cited in counterpart foreign applications. An English language copy of the International Search Report (for application No. PCT/EP2004/008090) is attached for the Examiner's information. Although Applicants do not acquiesce in the characterization of the references listed in the search report, especially with respect to the currently pending U.S. claims, the search report identifies the concise explanation of relevance of the cited references. Specifically, a concise explanation of relevance of German language references DE 102 03 198 A1 and DE 100 06 081 A1 is identified in the search report.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.E./

10/565582

Attorney Docket No. 3081.154US01

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In addition, a further concise explanation of relevance of references DE 102 03 198 A1 and DE 100 06 081 A1 is identified in the attached Delphion and Derwent records and in the reference figures. Applicants retain the right to obtain a translation of the references in the future if such action is deemed helpful to advance prosecution.

Please note that the following foreign language references have English language counterparts, which are presumed to have corresponding subject matter as the foreign language references and are listed on the attached Form PTO-1449:

U.S. Patent No. 6,616,275 is an English language counterpart to WO 01/12113 A1;

U.S. Patent Publication No. 2004/102767 A1 is an English language counterpart to WO 02/28305 A1;

U.S. Patent Publication No. 2005/0107708 is an English language counterpart to WO 03/057023 A1;

U.S. Patent No. 5,373,135 is an English language counterpart to DE 39 26 859 C2; and

U.S. Patent No. 6,326,589 B1 is an English language counterpart to DE 197 41 329 C1.

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included.

Respectfully submitted,



Douglas J. Christensen
Registration No. 35,480

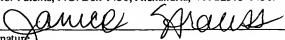
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Janice Strauss
Name of Person Making Deposit


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Application Number	Unknown 10/565582
Filing Date	Of Even Date
First Named Inventor	Mark Bischoff
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3081.154US01

Sheet **1** of **3**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
/G.E./		US-4,399,345	08/16/1983	Lapham et al.
		US-4,494,226	01/15/1985	Hazel et al.
		US-4,655,547	04/07/1987	Heritage et al.
		US-5,286,947	02/15/1994	Clyde et al.
		US-5,350,374	09/27/1994	Smith
		US-5,373,135	12/13/1994	Beyer et al.
		US- 5,559,398 5,569,398	10/29/1996	Sun et al.
		US-5,720,894	02/24/1998	Neev et al.
		US-5,948,214	09/07/1999	Bailey
		US- 6,150,530 6,150,630	11/21/2000	Perry et al.
		US-6,281,471 B1	08/28/2001	Smart
		US-6,326,589 B1	12/04/2001	Beersiek et al.
		US-6,329,270 B1	12/11/2001	Voutsas
		US-6,616,275 B1	09/09/2003	Dick et al.
		US-2004/0102767 A1	05/27/2004	Stingl et al.
		US-6,787,733 B2	09/07/2004	Lubatschowski et al.
/G.E./		US-2005/0107708 A1	05/19/2005	Wrobel et al.
		US-		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
/G.E./		WO 01/12113 A1	02/22/2001	Dick	
/G.E./		WO 02/28305 A1	04/11/2002	Stingl	
/G.E./		WO 03/057023 A1	07/17/2003	Wrobel	
/G.E./		DE 39 26 859 C2	07/05/1990	Beyer	
/G.E./		DE 41 24 162 C1	12/03/1992	Overmeyer	X (abstract)
/G.E./		DE 197 41 329 C1	10/22/1998	Beersiek	

EXAMINER
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/Geoffrey Evans/

DATE
CONSIDERED

02/28/2010

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.E./

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Unknown 10/565582
				Filing Date	<i>Of Even Date</i>
				First Named Inventor	Mark Bischoff
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number 3081.154US01	

U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)		
		US-		
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
/G.E./		DE 100 07 391 A1	05/31/2001	Russek	X (abstract)
/G.E./		DE 100 06 081 A1	08/23/2001	Kaden	X (abstract)
/G.F./		DE 100 20 559 A1	10/31/2001	Lubatschowski	
/G.E./		DE 102 03 198 A1	07/31/2003	Bischoff	X (abstract)

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				Application Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
Examiner Name				Unknown	
Attorney Docket Number				3081.154US01	
NON PATENT LITERATURE DOCUMENTS					
EXAMINER INITIAL ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
/G.E./		KORTE, et al., "Sub-diffraction limited structuring of solid targets with femtosecond laser pulses," <u>OPTICS EXPRESS</u> , Vol. 7, No. 2, pp. 41-49 (July 17, 2000).			
/G.E./		BRIXNER, et al., "Femtosecond polarization pulse shaping," <u>OPTICS LETTERS</u> , Vol. 26, No. 8, pp. 557-559 (April 15, 2001).			
/G.E./		STOIAN, et al., "Laser ablation of dielectrics with temporally shaped femtosecond pulses," <u>Appl. Phys. Lett.</u> , Vol. 80, No. 3, pp. 353-355 (January 21, 2002).			
/G.E./		STOIAN, et al., "Ultrafast laser material processing using dynamic temporal pulse shaping," <u>RIKEN Review No. 50</u> , pp. 71-76 (January 2003).			
/G.E./		HACKER, et al., "Micromirror SLM for femtosecond pulse shaping in the ultraviolet," <u>Appl. Phys. B</u> , Vol. 76, pp. 711-714 (2003). (06/2003)			
EXAMINER SIGNATURE	/Geoffrey Evans/			DATE CONSIDERED	02/28/2010

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